

20001020.qrp v01\_n980.qrl.20001020

Date: Fri, 20 Oct 2000 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1980

## QRP-L Digest 1980

Topics covered in this issue include:

- 1) [81614] F/S Ten-Tec Scout & 5 modules  
by W1XV@cs.com
- 2) [81615] FDIM 2001  
by "Kenneth Evans" <w4du@bellsouth.net>
- 3) [81616] Re: OT Semiconductor Industry Terminology  
by Dean W Manley <kh6b@juno.com>
- 4) [81617] FOX: Scoring web sites  
by John Wagner <john@neknetwork.com>
- 5) [81618] Trip to Ky.  
by Bill ROWLETT <kc4atu@yahoo.com>
- 6) [81619] Appalachian Trail VT and NH - Sunday 10/22  
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 7) [81620] Dayton/Xenia area trip  
by M Goins <mgoins@usa.net>
- 8) [81621] Re: NiMH Battery Issue with MFJ 259B Analyzer  
by "James R. Duffey" <jamesd1@flash.net>
- 9) [81622] BOOK  
by "Jay Henson" <jbhenson@zebra.net>
- 10) [81623] BOOK Follow up  
by "Jay Henson" <jbhenson@zebra.net>
- 11) [81624] Re: NiMH Battery Issue with MFJ 259B Analyzer  
by Randy & Cara Randall <crrandal@seidata.com>
- 12) [81625] Re: Apology  
by Joseph I Pirkle <ad4ih@juno.com>
- 13) [81626] FS: SW White Mountain 20  
by Mark Sailer <msailer@buoy.com>
- 14) [81627] OPERATING: Possible QRP/HB tie in to the ARRL 160M Contest in December?  
by Michael C Boatright <ko4wx@mindspring.com>
- 15) [81628] Epiphyte 3 #75 On the air  
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 16) [81629] Re: FT-817 QRP Rig...  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 17) [81630] Battery charging, Ni cad~Ni/Mh  
by RangerSF5@aol.com
- 18) [81631] ZOMBIE SHUFFLE INFO  
by "Paul Harden, NA5N" <na5n@rt66.com>

- 19) [81632] Re: FT-817 QRP Rig...  
by "Ken UK" <setiuk@talk21.com>
- 20) [81633] Trade for QRP Rigs  
by Ed Kessler <edkess@epix.net>
- 21) [81634] Re:George's apology  
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 22) [81635] 3rd Annual QRP Contest this weekend (All entries receive something in the mail!)  
by Doug Bankston <dougbankston1@yahoo.com>
- 23) [81636] Yaesu's New FT-817 QRP Rig to be at Pacificom  
by "Craig W. Behrens" <craigwb@hiwaay.net>
- 24) [81637] Cost of QRP Rigs  
by "Craig W. Behrens" <craigwb@hiwaay.net>
- 25) [81638] Contest Calendar 2001 for the QRPers  
by "Ron Polityka" <wb3aal@fast.net>
- 26) [81639] QRP portable /w ready to go!  
by Joe Street <jstreet@venus.uwaterloo.ca>
- 27) [81640] Re: FT-817 QRP Rig...  
by "George, W5YR" <w5yr@att.net>
- 28) [81641] 2-way QRP on 10m (200oct00)  
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 29) [81642] Pacificon Weather  
by Jerry Parker <jparker@fix.net>
- 30) [81643] Re: QRP portable /w ready to go!  
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 31) [81644] Nov. 4, NMT Gym in Socorro, NM  
by jaywa5whn@juno.com
- 32) [81645] QRP Contest this weekend!  
by Doug Bankston <dougbankston1@yahoo.com>
- 33) [81646] Re: FT-817 QRP Rig...  
by Ham <hduff@ica.net>
- 34) [81647] WB3AAL - Need your email address  
by ABCQRP <w6abc@yahoo.com>
- 35) [81648] Re: Nov. 4, NMT Gym in Socorro, NM  
by William R Colbert <w5xe@juno.com>
- 36) [81649] Re: FT-817 QRP Rig...  
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 37) [81650] Re: FT-817 QRP Rig...  
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [81651] re: FT-817...  
by Ham <hduff@ica.net>
- 39) [81652] FT-817...  
by Joe Street <jstreet@venus.uwaterloo.ca>
- 40) [81653] WTB:TiCK-4 DIP  
by William Mabry <n4qa@juno.com>
- 41) [81654] re: FT-817...  
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 42) [81655] Re: FT-817...

by "Steve Sorrell" <ap036@detroit.freenet.org>  
43) [81656] Re: FT-817...<Deep Sigh>  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
44) [81657] RE: FT-817 QRP Rig...  
by "Brian B. Riley, N1BQ" <n1bq@wulfden.org>  
45) [81658] coil question  
by Drbob92031@aol.com  
46) [81659] Re: coil question  
by "Mike Yetsko" <myetsko@insydesw.com>  
47) [81660] Re: coil question  
by Bob Patten <n4bp@bc.seflin.org>  
48) [81661] Re: coil question  
by "Mike Yetsko" <myetsko@insydesw.com>  
49) [81662] Top hat for Hustler  
by "Tom Tishken KD4W0V(laptop)" <kd4wov@earthlink.net>  
50) [81663] Re: coil question  
by Bob Patten <n4bp@bc.seflin.org>  
51) [81664] Re: coil question  
by "Mike Yetsko" <myetsko@insydesw.com>  
52) [81665] RE: Coil Question  
by "Jerry Bartachek" <Jerry.Bartachek@dnr.state.ia.us>  
53) [81666] RE: FT-817 QRP Rig...  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
54) [81667] Re: FT-817...  
by Duffer <hduff@ica.net>  
55) [81668] Re: FT-817...  
by Duffer <hduff@ica.net>  
56) [81669] Re: FT-817 QRP Rig...  
by "Trevor Jacobs" <fxtech@earthlink.net>  
57) [81670] RE: Coil Question  
by Joe Street <jstreet@venus.uwaterloo.ca>  
58) [81671] K2 vs 817 vs ??? SUMMARY  
by "Rod Cerkoney" <n0rc@hotmail.com>  
59) [81672] Re: coil question  
by Bob Patten <n4bp@bc.seflin.org>  
60) [81673] RE: coil question  
by "AI2Q Alex" <ai2q@ispchannel.com>  
61) [81674] K2 Rcvr performance  
by "Bowman, Brian" <bowman@amgen.com>  
62) [81675] RE: Coil Question  
by Bob Patten <n4bp@bc.seflin.org>  
63) [81676] Help--QSLs to Russia  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
64) [81677] Re: coil question  
by "Mike Yetsko" <myetsko@insydesw.com>  
65) [81678] Re: Help--QSLs to Russia  
by "Steve Sorrell" <ap036@detroit.freenet.org>  
66) [81679] Re: coil question

by "George, W5YR" <w5yr@att.net>  
67) [81680] RE: Coil Question - Point Well Taken  
by "Jerry Bartachek" <Jerry.Bartachek@dnr.state.ia.us>  
68) [81681] Tuner  
by "Dennis Johnson" <djohn@dwx.com>  
69) [81682] RE: Tuner  
by "Charles Mabbott" <crmabbott@mediaone.net>  
70) [81683] Re: Tuner  
by "Trevor Jacobs" <fxtech@earthlink.net>  
71) [81684] Re: Coil Question - Point Well Taken  
by "George, W5YR" <w5yr@att.net>  
72) [81685] SMK on the air  
by Brian <brian@iquest.net>  
73) [81686] Re: FOX: Scoring web sites  
by Brian <brian@iquest.net>  
74) [81687] Re: coil question  
by "J. W. (Dub) Thornton" <dub@oklahoma.net>

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Date: Thu, 19 Oct 2000 19:12:37 EDT  
From: W1XV@cs.com  
To: qrp-1@lehigh.edu  
Subject: [81614] F/S Ten-Tec Scout & 5 modules  
Message-ID: <4f.24dbebf.2720d9e5@cs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

For sale: A like-new Ten-Tec Scout with modules for the following bands: 10, 15, 17, 20 and 160 meters. It does not have a noise blanker installed. I have the original manual and box. The price is \$425 shipped CONUS. Please leave email or call me in NH at 603-224-5737 no later than 0130Z. Brad W1XV QRP ARCI #4505

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Date: Thu, 19 Oct 2000 19:07:38 -0400  
From: "Kenneth Evans" <w4du@bellsouth.net>  
To: "GQRP list" <qgrp@onelist.com>, "QRPFORUM" <qrp@qth.net>, "QRP-1 Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81615] FDIM 2001  
Message-ID: <006e01c03a21\$74fe5290\$01010101@evansk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FDIM 2001  
Call for Presentations

Planning is underway for the FDIM Symposium at the Dayton Hamvention. This will be our sixth year for this not to be missed event. FDIM 2001 will start on Thursday, May 17, 2001. On that day, QRPers will gather in Dayton to hear from some of the best minds in QRP. The symposium is an 8-hour event, which covers the gamut of QRP.

Please consider sharing your talent and experience by giving a presentation and documenting it for the FDIM 2001 Proceedings. Topics are wide open and may include design; construction projects and techniques; antennas and feedlines; operating techniques or experiences. Be creative and define your own topic! All that is required is that you present your topic at the Thursday Symposium and document it for publishing in the FDIM 2001 Proceedings.

Time slots are limited, so please submit your idea soon. If interested, please send a short description (one paragraph) of the proposed talk to me prior to February 15, 2001.

72/3,

Ken Evans  
W4DU  
848 Valbrook Court  
Lilburn, GA 30047-4280  
w4du@bellsouth.net

-----  
Date: Thu, 19 Oct 2000 19:29:25 EDT  
From: Dean W Manley <kh6b@juno.com>  
To: qrp-l@lehigh.edu  
Cc: kh6b@juno.com  
Subject: [81616] Re: OT Semiconductor Industry Terminology  
Message-ID: <20001019.132921.5391.1.kh6b@juno.com>

Gang,

Thanks to all who responded. Such a good group.  
I'm sure Irek will be happy. He's trying to excel in the English language.

Aloha,  
Dean KH6B

-----  
Date: Thu, 19 Oct 2000 19:33:30 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81617] FOX: Scoring web sites  
Message-ID: <39EF84CA.140C1602@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

I'd like to announce two new websites I've been working on to support the upcoming QRP-L foxhunts. These sites should greatly simplify the scoring of the hunts.

QRP-L Fox Hunt: <http://www.neknetwork.com/foxteam/>

QRP-L Fox Cub Hunt: <http://www.neknetwork.com/foxcub2000/>

The "regular" hunt page lists all the teams that Bruce Rattray, VE5RC has organized. There is a backend processor that will take an uploaded fox log and score it giving the pelts out to individuals and teams. Click on a team name to see a breakout of that team and its hounds. Participants not on a team will still be tracked (found on the main page). The Fox logs will be available from the main page as well.

The "Cub" hunt page doesn't have teams, but will contain everything else described above.

In my spare life I'm working on a feature that will take all the Q's from a fox log and show them on a map.

Enjoy, looking forward to the first Fox Cub hunt on \*MONDAY\*!!!! 73,

John, KB1ENS

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John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

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Date: Thu, 19 Oct 2000 16:50:26 -0700 (PDT)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: qrp-l@Lehigh.EDU  
Subject: [81618] Trip to Ky.  
Message-ID: <20001019235026.24395.qmail@web803.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi all,

I will be in the Frankfort, Ky. area from Friday night to Monday morning. All I can take this trip is the 2 meter HT. Hope to hear some of you on the local machines.

73, Bill KC4ATU

-----  
Do You Yahoo!?  
Yahoo! Messenger - Talk while you surf! It's FREE.  
<http://im.yahoo.com/>

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Date: Thu, 19 Oct 2000 19:58:25 -0400  
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, "NJ-QRP List" <njqrp@njqrp.org>, "Appalachian Trail Award" <atrail-l@lehigh.edu>  
Subject: [81619] Appalachian Trail VT and NH - Sunday 10/22  
Message-ID: <LPBBJAGIPFHKPJENAKL00EOECLAA.n1bq@wulfdn.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

KM1Z and I, N1BQ, will be down in East Central Vermont operating from the Appalachian Trail on the VT-NH border operating 7040 +/- QRM and possibly 15m (frequency to be determined). We plan to be operating under our club callsign, W1M00. We are an 'alternative' club formed a while back when the two big clubs in the area were feuding. We call ourselves "The Udder Club," which goes quite nicely with our callsign. I am taking my digital camera along and we plan to make up a card just for the day.

We plan to get to the area and start setting up to be able to be on the air at 1000r/1400z. If we can set up at our primary choice site we will stay there the whole time. If that site doesn't pan out (maybe something going on at the canoe club) we will move back up into the hills behind

Norwich and operate VT for two hours then pack up and go across the river through Hanover and up into the hills on the NH side. We are taking some TT2s along and may put them on the air depending on how busy things get.

So in summary we will be on either plan A or plan B

Plan A - NH-VT border 1400z to about 1900z

Plan B - VT side 1400z to 1600Z, the NH side from 1700Z-1900Z

When you hear us on the air KM1Z will be the whiz kid and N1BQ will be the one that sounds like he needs to QLF!

72 de brian, n1bq

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N1BQ-3 @ 44 31.73N 072 51.55W

WideN-N digi and weather station in Underhill Center, VT

mailto:n1bq@wulfdn.org

AMSAT LM-1418 NJQRP #274 QRP-L #2276

-----  
Date: 19 Oct 00 19:04:55 EST  
From: M Goins <mgoins@usa.net>  
To: qrp-l@LeHigh.EDU  
Subject: [81620] Dayton/Xenia area trip  
Message-ID: <20001020000455.22191.qmail@awcst094.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

I'll be in Xenia/Yellow Springs (Ohio) attending a thesis seminar in early  
December as I try to finish up a masters degree. If there's anyone in the  
area  
that would like to try and get together for dinner and qrp discussion, please  
let me know. thanks.

mike  
wb5yjx

-----  
Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>



-----  
Date: Thu, 19 Oct 2000 18:05:44 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <SBillingsley@usaninc.com>, qrp-l <qrp-l@lehigh.edu>  
Subject: [81621] Re: NiMH Battery Issue with MFJ 259B Analyzer  
Message-ID: <B614E878.307F%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="ISO-8859-1"  
Content-transfer-encoding: quoted-printable

Sam - I am no battery expert.

I may be naive, but I wonder if you charged the batteries long enough?

NiMH batteries have a capacity of about 1500 mAH if my memory serves correct. At your measured charging rate of 15 mA that means it will take more than 100 hours to fully charge those batteries if they start fully discharged!! Thats is more than 4 full days. Also, that is assuming full charging efficiency which does not occur Your overnight charge only gets 10=A0% of the way there or so.

Maybe charging them outside of the analyzer and then putting them in the analyzer for trickle charging will do the trick.

I hope that this helps. Let us know what your solution is. - Dr. Megacycle  
KK6MC/5

--=20

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Thu, 19 Oct 2000 20:14:08 -0500  
From: "Jay Henson" <jbhenson@zebra.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [81622] BOOK  
Message-ID: <001901c03a33\$0d9cd920\$f6ee0cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello to everyone,

I am looking for the book "Small High Efficiency Antennas Alias the LOOP" by

Robert (Ted) Hart. I have done much internet searching and have supposedly found 1 copy. It seems though that the bookstore doesn't want to sell it as they have not responded to my e-mail.

If anyone has a copy and would like to sell it, please contact me direct. Although I don't ordinarily deprive anyone of their due compensation, since the book is out of print, would someone trust me with their copy so that I can make a copy of it? Again, e-mail direct.

I hope to meet many of you everyone during the ARCI test this week end. It should be a real great time. Thanks for the bandwidth and 73.

See you on the radio.

Jay

AJ4AY Mobile, AL

QRP-L #1372 ARCI #8131 SOC#220 FP#115

-----  
Date: Thu, 19 Oct 2000 20:30:00 -0500  
From: "Jay Henson" <jbhenson@zebra.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [81623] BOOK Follow up  
Message-ID: <001b01c03a35\$4470e160\$f6ee0cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello again,

It seems that my first note was a true SOC event. A note from a list member sent me to [www.antennex.com](http://www.antennex.com) and there I found the Hart book (book, diskette, and/or download versions). The book is definitely not out of print.

All of my searching was done at work. It seems that our proxy server would not let me get to that web site (go figger) and I never did any follow up here at home. Sorry for the band width and thanks for the note.

See you on the radio.

Jay

AJ4AY Mobile, AL

QRP-L #1372 ARCI #8131 SOC#220 FP#115

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Date: Thu, 19 Oct 2000 21:36:33 -0500  
From: Randy & Cara Randall <crrandal@seidata.com>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81624] Re: NiMH Battery Issue with MFJ 259B Analyzer  
Message-ID: <39EFAFB1.D40D5C80@seidata.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello. I have one of the 259B's and purchased 10 new NiMH batts at Dayton HV last year for \$1.00 ea! : '> I have never had a problem with them as far as charging them in the 259B. Works for me and saves mucho money too!

Randy.

"James R. Duffey" wrote:

> Sam - I am no battery expert.  
>  
> I may be naive, but I wonder if you charged the batteries long enough?  
>  
> NiMH batteries have a capacity of about 1500 mAH if my memory serves  
> correct. At your measured charging rate of 15 mA that means it will take  
> more than 100 hours to fully charge those batteries if they start fully  
> discharged!! Thats is more than 4 full days. Also, that is assuming full  
> charging efficiency which does not occur Your overnight charge only gets  
> 10 % of the way there or so.  
>  
> Maybe charging them outside of the analyzer and then putting them in the  
> analyzer for trickle charging will do the trick.  
>  
> I hope that this helps. Let us know what your solution is. - Dr. Megacycle  
> KK6MC/5  
> --  
> James R. Duffey KK6MC/5  
> 30 Casa Loma Road  
> Cedar Crest, NM 87008

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<http://www.countrytouches.com>

Join Holiday Happenings, for craft ideas, recipes, sharing traditions!  
<http://www.egroups.com/subscribe/holidayhappenings>

\*\*\*\*

"...how can you measure the love of the Master, or how can you write down a baby's first cry?" Michael Crawford

-----  
Date: Thu, 19 Oct 2000 22:13:47 -0400  
From: Joseph I Pirkle <ad4ih@juno.com>  
To: VE3ERP@ENCODE.COM  
Cc: qrp-l@Lehigh.EDU  
Subject: [81625] Re: Apology  
Message-ID: <20001019.221349.-3851411.0.ad4ih@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sir,

I commend you on the apology. Please number me again in the George Murphy/Hamcalc fan club.

72/73,  
Joe Pirkle  
QRP-L #2236  
ad4ih@arrl.net  
ad4ih@juno.com

-----  
Date: Thu, 19 Oct 2000 22:45:43 -0400  
From: Mark Sailer <msailer@buoy.com>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [81626] FS: SW White Mountain 20  
Message-ID: <39EFB1D7.B19D0D2C@buoy.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have For Sale my Small Wonders Lab White Mountain 20m SSB  
Transceiver Kit.  
Still in kit form and wrapped up with the manual.

\$120

Email me directly, off the list if interested.

Mark

-----  
Date: Thu, 19 Oct 2000 22:46:49 -0400  
From: Michael C Boatright <ko4wx@mindspring.com>  
To: QRP-L <qrp-l@Lehigh.EDU>, NOGA QRP Club <nogaqrp@qth.net>  
Subject: [81627] OPERATING: Possible QRP/HB tie in to the ARRL 160M Contest in December?  
Message-ID: <39EFB219.B4B4429A@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've floated an idea around the NOGA QRP group and am now curious how much interest there might be in a QRP/homebrew tie-in to the ARRL 160M Contest in December. My thoughts would be standard participation in the contest, log submission and stuff, but on the side, a friendly competition amongst ourselves. The HB tie-in would be similar to other HB contests, possibly a multiplier for HB RX, HB TX and HB RX/TX, and maybe a premium for building it between now and the contest. Mults would only apply amongst ourselves (not to the League's contest score). Another thought I had was individual entries and club or team entries (adding up the scores of the club members). NOGA QRP (i.e., me) would be willing to make up appropriate "certificates" to winners, participation, etc.

Personally, I've always viewed 160 as the "mystery band." However, lately I've been seeing some incredible results with reasonably "short" "random-length wire" antennas and such and have been giving it a thought. The HB angle comes in from all of the W1FB and W7ZOI material I've read on the subject, but never attempted because it was 160.

Thoughts?

72 de Mike, K04WX

--

Mike Boatright, K04WX  
Assistant Section Emergency Coordinator,  
GA Section Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man contemplates it, bearing within him the image of a cathedral.  
Antoine de Saint-Exupery

-----  
Date: Fri, 20 Oct 2000 04:56:47 GMT  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [81628] Epiphyte 3 #75 On the air  
Message-ID: <LAW2-F227roC6POYFSr00007d82@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

This little thing does work! Just got it finished and got some quick signal checks from stations in MN, IL, KY and NH at about 1 AM local time here near Cleveland, OH. Not too many problems in assembly, will post a more complete set of notes in the near future. Thanks to all that put this fine kit together!

73 - Mike WA8BXN

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Share information about yourself, create your own public profile at <http://profiles.msn.com>.

-----  
Date: Fri, 20 Oct 2000 00:19:31 -0700  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <hduff@ica.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81629] Re: FT-817 QRP Rig...  
Message-ID: <03a001c03a66\$17b09ea0\$a798b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The Icom-718, and it rocks! Especially at QRP levels. Yep the K2 seems like a really nice QRP rig, but for \$200 more over the base price KIT unit of the K2 I had more than the options of a fully loaded K2. The big advantage that I see with the K2 is portability. It has a very low current draw at idle. The 718 will chew through gel cells like there is no tomorrow, so wouldn't make a great portable rig, but since I bought the 718 for the main home rig, it performs quite well! I'm not slagging the K2 either, I'm just saying that for me, I wanted the best deal vs. features in a rig that I could count on

for a main rig. Now I can play with other rigs. Plus, I think that the K2 is way overpriced for a rig that I have to put together when you compare features on these rigs. Just my opinion...ya know, everyone has one and you know what they smell like...

73

Trev

KG6CYN

----- Original Message -----

From: Duffer <hduff@ica.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, October 19, 2000 4:43 AM

Subject: re: FT-817 QRP Rig...

>

> I find it interesting that EleCraft can release the K2 and people go

> nuts for them but when a Japanese company releases

> an even cooler QRP rig, out pours the skepticism. Wussup wit dat ?

> The K2 isn't cheap... One could make the same statement about it.

> What QRP rig can you get with the same features as the 817 at the same  
> price ?

>

> Hugh VA3TO

>

>

> >

> >

> > Subject: Yaesu FT-817 QRP Rig...

> > Date: Wed, 18 Oct 2000 08:06:10 -0700 (PDT)

> > From: Chuck Mabbott <aa8vs@yahoo.com>

> > To: FP QRP <fpqrp-l@mpna.com>, list QRP-C

> <qrp-canada@lists.gpfn.sk.ca>

> > CC: kb0vcc@yahoo.com

> >

> > I am a staunch supporter of QRP, but this is

> > odd. I can get QRP rigs for the same price.

> > This is starting to sound like, "double the price

> > call it SUV and they will come....."

> >

> > 73,

> > Chuck AA8VS

> >

> >

> -----

>

> >

>

>

-----  
Date: Fri, 20 Oct 2000 04:43:48 EDT  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [81630] Battery charging, Ni cad~Ni/Mh  
Message-ID: <e8.b5b91f0.27215fc4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I may be naive, but I wonder if you charged the batteries long enough?

NiMH batteries have a capacity of about 1300 mAH if my memory serves.

Four NiMH 1,300 batteries need 480 mils to charge 4 batteries to full charge in 14 hours.

Sheet came with my charger

Bob

WA2HOQrp <tm>

-----  
Date: Fri, 20 Oct 2000 03:03:31 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu  
Subject: [81631] ZOMBIE SHUFFLE INFO  
Message-ID: <Pine.SUN.4.10.10010200119590.26785-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Fellow Zombies,

Jan and I have received lots of email inquiring about the Zombie Shuffle, particularly from those new to the list over the last year. We sometimes forget about the new subscribers to QRP-L, so here's a brief description and history of the ZOMBIE SHUFFLE.

HISTORY.

In early 1998, NorCal was wrapping up it's new kit, to be announced at Dayton. This was the now famous NC-20 rig, and later the Red Hot Radio versions. When announced, a few people on QRP-L expressed their opinion that they were hoping for something other than another HF or 20M rig.



One comment, rather tounge-and-cheek, said something to the effect "You NorCal guys are just a bunch of ZOMBIES, dancing around the fire and doing (building) whatever Doug Hendricks says." Well, the word ZOMBIE hit me as rather funny, and I responded to the comment with a humorous post, signing it "Zombie #38" (my QRP-L number). Immediately I got a dozen or so emails requesting THEIR Zombie number.

Two months later, I prepared some ZOMBIE BADGES, a simple skull-and-crossbones photocopied on some yellow paper and handed them out at the 1998 HamCom QRP event in Dallas ... strictly as a gimmick for those attending HamCom. Several HamCom attendees posted to QRP-L how they got their Zombie Badge, and immediately, I got dozens of requests by those on QRP-L for their own Zombie Badge. So I designed a nicer Zombie Badge with an Area 51 ID on the back and printed/numbered/laminated 600 of them. I figured MAYBE I'd distribute 200 of them over a couple of years. Well, all 600 have been distributed between hamfests (PacifiCon, Atlanticon, etc.) and by mail. I have none left! (Will be printing some more shortly).

The idea of having some sort of ZOMBIE CONTEST came about at the 1998 Ft. Tuthill hamfest "campfire" forum. Everyone agreed a short contest, or SPRINT, would be neat, and it was Joe AB7TT that suggested calling it a "shuffle" since zombies don't sprint. Hence the name, ZOMBIE SHUFFLE came to being, and to be held on friday, Oct. 30th, which was Halloween Eve UTC. The Zombie Shuffle has and will be held on friday night nearest to Halloween since.

#### THE ZOMBIE SHUFFLE.

There is NO POINT TO THE ZOMBIE SHUFFLE WHATSOEVER, except to get on the air and have some fun. The overall concept and rules were largely based on the discussions at both Ft. Tuthill and PacifiCon that year, for which it was designed to meet the following:

1. A short "sprint" type of contest for those who can't participate in the more dominant, longer time period contests.
2. Have it on FRIDAY night, as having a "friday nite special" was discussed on QRP-L at the time for those with work and family commitments week nights and weekends.
3. Since the whole thing started by calling Doug Hendricks and NorCal members "zombies" over QRP-L, it was only natural to make it a QRP-L/NorCal event so participants could show their "zombie pride." Of course Doug agreed to the NorCal sponsorship, like he had a choice :-), though open to all QRPers.
4. The scoring method of adding up zombie numbers or area codes was designed to make the scoring SERENDIPITOUS ... that is, based more on LUCK than one's operating skills, CW speed, type of antenna, etc.
5. So those with only a handful of QSO's could still end up with a score "in the thousands" to brag to your QRO sweepsteak nerds about!
6. The area code serves as a participating number/score for those who

- don't have a zombie number. That is, to make it open to everyone.
7. All the goofy bonus points further adds to the LUCK in the scoring (not to mention brushing up on your addition skills!)
  8. A friendly/fun event to exchange names of fellow zombies, and the serendipity of working the guest Elvis', grand zombies, etc.
  9. A contest designed to be virtually impossible to explain to anyother living human being.

The whole thing is tongue and cheek fun. And if you've never done a contest before, or can't get on the air much, or your CW is rusty, or whatever ... this is the event for you. Low-key, no pressure fun.

#### THE ZOMBIE PHENOMENON.

Why has the zombie thing appealed to so many? I think it is because ZOMBIES are the exact opposite of what QRPers really are. What group of hams have more excitement and energy for the hobby than QRPers? To me, go to your local QRO/VHF ham club if you want to see real zombies! And what club has contributed more to the excitement and energy of QRPing than NorCal? Who's got more energy than Doug Hendricks, Jim Cates, and a bunch of others in promoting the hobby? And what group of hams goes to more extremes to have fun than QRPers with their activities, such as QRP To The Field, FYBO, BUBBA and the like? Zombies are the complete opposite of what we QRPers are, and it has sure stuck :-)

#### ZOMBIE NUMBERS AND BADGES:

I am currently completely out of badges, but will be printing and laminating some more shortly. (Was kinda finguring this thing would go away by now!).

But, if you do not have a zombie number, you can request one via email for this upcoming shuffle from the Grand Witchess and keeper of the sacred rolls, Jan N0QT at [jmedley@ix.netcom.com](mailto:jmedley@ix.netcom.com)  
She will assign you a number by email. Ensure you provide your name and calls for her records.

I will announce on QRP-L when the next badges are done for those who want one. You can get your badge numbered with the number assigned by email at that time if you wish.

Of course, you can use your telephone area code in lieu of a zombie number in the shuffle if you wish as well.

CU all in the Zombie Shuffle.

72, Paul NA5N  
Zombie #004 (Grand Zombie)

I'll post a list shortly of who the 25 Grand Zombies are. The Elvis',

however, remain TOP SECRET until after the shuffle.

-----  
Date: Fri, 20 Oct 2000 11:21:52 +0100  
From: "Ken UK" <setiuk@talk21.com>  
To: <hduff@ica.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81632] Re: FT-817 QRP Rig...  
Message-ID: <00e201c03a85\$d7240fa0\$b82078d5@KenUK>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

HI Hugh,

I think you may have missed the point regards the K2.

The K2 is a home-brew rig ( OK a kit rig ) so that means a part of your heart and sole went into its construction, I don't think you can say that about any commercially built piece of equipment.

Good luck and all the best, Ken, G4KIR.

-----Original Message-----

From: Duffer <hduff@ica.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Thursday, October 19, 2000 12:42 PM  
Subject: re: FT-817 QRP Rig...

>  
>I find it interesting that EleCraft can release the K2 and people go  
>nuts for them but when a Japanese company releases  
>an even cooler QRP rig, out pours the skepticism. Wussup wit dat ?  
>The K2 isn't cheap... One could make the same statement about it.  
>What QRO rig can you get with the same features as the 817 at the same  
>price ?

>  
>Hugh VA3TO

>  
>  
>>  
>>  
>> Subject: Yaesu FT-817 QRP Rig...  
>> Date: Wed, 18 Oct 2000 08:06:10 -0700 (PDT)  
>> From: Chuck Mabbott <aa8vs@yahoo.com>

>> To: FP QRP <fpqrp-1@mpna.com>, list QRP-C  
><qrp-canada@lists.gpfn.sk.ca>  
>> CC: kb0vcc@yahoo.com  
>>  
>> I am a staunch supporter of QRP, but this is  
>> odd. I can get QRO rigs for the same price.  
>> This is starting to sound like, "double the price  
>> call it SUV and they will come....."  
>>  
>> 73,  
>> Chuck AA8VS  
>>  
>>  
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>  
>>  
>

-----  
Date: Fri, 20 Oct 2000 07:33:17 -0400  
From: Ed Kessler <edkess@epix.net>  
To: QRP-L <qrp-1@Lehigh.EDU>  
Subject: [81633] Trade for QRP Rigs  
Message-ID: <39F02D7D.A37C4BE0@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have two SW receivers that I'd like to trade for some QRP gear or sell outright.

1. A Target Communications Receiver (Really a Lowe SRX 100). 30 kHz-30 MHz, USB/LSB/AM, Bandwidth 3.8 kHz on SSB, 6 kHz on AM, Variable speed tuning control, clarifier. Also comes with an AC wall wart, and a computer interface/software to receive/decode WEFAX weather transmissions. Very good condition. \$125

2. A RS DX-390 (Sangean ATS 818). Digital display, wide and "narrow" filters, tunable BFO, etc. Like new in original box. This was a demo radio so there are a few very small paint chips on the speaker grill, otherwise in excellent cond. \$135

Am looking for trades for DSW 20, 30, or 40 :-)) or an SST 40 (built or unbuilt), and partial trade toward an all mode 6m rig (especially one equipped with a narrow CW filter or one that can be installed) or an ICOM 706. Other trades considered.

Any takers? Thought I'd give this a try here before I put the radios on e-bay.

73s  
Ed AA3SJ

-----  
Date: Fri, 20 Oct 2000 07:41:08 -0400  
From: "Richard E. Robinson" <rerobins@email.uncc.edu>  
To: qrp-l@lehigh.edu  
Subject: [81634] Re:George's apology  
Message-ID: <v03110701b615de6dc5a1@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Whoever took offense at George's workbench post needs to get a life with a measure of humour. Someone, and we all know who it most likely was, has already chased Ian, VK2TIP, off of qrp-l for trying to inject a little humour.

Thanks for all you've done for ham radio George, it's certainly more than the humourless folks on this list.

Let's all remember George's son and his UN comrades in our thoughts and prayers.  
That's a dangerous and thankless job but we can all sleep at peace thanks to our men and women in the service of our respective countries.

73,  
  
Rick kf4ar

-----  
Date: Fri, 20 Oct 2000 04:42:20 -0700 (PDT)  
From: Doug Bankston <dougbankston1@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81635] 3rd Annual QRP Contest this weekend (All entries receive something in the mail!)  
Message-ID: <20001020114220.14615.qmail@web4305.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

QRP CONTEST THIS WEEKEND!

Oct21st 1200z to Oct 22nd 2400z.  
VQS 3rd Annual Fall QSO Party (Piggyback of the  
QRP ARCI Fall QSO Party)  
info: [www.qsl.net/vqs](http://www.qsl.net/vqs)

All entries received via e-mail will receive one of  
the following:

1. 100mb zip disk
  2. Recordable CD Rom (with jewel case)
  3. Antenna Support Rope
- (You may specify which of these you would prefer when  
Submitting your log entry)  
PS: you do not need to be a member of VQS to enter.  
Entries are accepted on the "honor" system so check  
your entry carefully before submitting. :)

Who is paying for all this stuff? The purchase  
price of these items is being covered by a member of  
the Virginia QRP Society.

73  
W4VQS

-----  
Do You Yahoo!?  
Yahoo! Messenger - Talk while you surf! It's FREE.  
<http://im.yahoo.com/>

-----  
Date: Fri, 20 Oct 2000 07:27:29 -0500  
From: "Craig W. Behrens" <[craigwb@hiwaay.net](mailto:craigwb@hiwaay.net)>  
To: "QRP-L QRP-L" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [81636] Yaesu's New FT-817 QRP Rig to be at Pacificom  
Message-ID: <[LPBBIKBNB00LHAAJAHJGMEIICEAA.craigwb@hiwaay.net](mailto:LPBBIKBNB00LHAAJAHJGMEIICEAA.craigwb@hiwaay.net)>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi! For those who don't know me yet--I'm your new QRP Quarterly  
editor-in-chief. I have been big into QRP forever and I religiously read  
the QRP-L list (have for years). In fact, I feel I (kinda) know many of you  
from your stories and activities.

Anyway, I just wanted to get the word to the list that in a conversation I  
had with a Yaesu executive yesterday, I was told that arrangements are being

made to bring their new FT-817 to Pacificon so the gang can spin knobs and take a closer look.

This unit, I am told, has been the pet project of Yaesu's most senior design engineer. Further, a lot of thought has been invested in it--especially because Japanese operators take low-power operation seriously. Yaesu has had field testing activities going on for some time now via their extensive beta testing network. In short--They are really excited and believe that they have hit a "home run" with this new QRP product.

It kills me that I can't be at Pacificon this year to see you guys and partake in the fun. So...I expect a full report here on the list and would welcome a shower of articles from ya'll (I'm in Alabama) for future issues of the infamous QRP Quarterly.

72/73 & DX,  
Craig W. Behrens--NM4T  
Madison, AL

-----  
Date: Fri, 20 Oct 2000 07:27:32 -0500  
From: "Craig W. Behrens" <craigwb@hiwaay.net>  
To: "QRP-L QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [81637] Cost of QRP Rigs  
Message-ID: <LPBBIKBNB00LHAAJAHJGOEIICEAA.craigwb@hiwaay.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just food for thought. The TenTec Argonaut-2 (535) that I bought new several years ago cost me \$1,400+.

It does not have a built in keyer, DSP, or do VHF/UHF and a lot of other new functions that newer rigs now include.

But, it is a really fine piece of equipment--I dearly love this little rig.

Sometimes you get what you pay for!

72/73 & DX,  
Craig W. Behrens--NM4T  
Madison, AL

-----

Date: Fri, 20 Oct 2000 08:42:48 -0400  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ". QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [81638] Contest Calendar 2001 for the QRPers  
Message-ID: <02f501c03a93\$4845a060\$5d0d5cd1@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

2nd Annual QRP Contest Calendar for 2001

[www.n3epa.org](http://www.n3epa.org)

The Eastern PA QRP Club would like to announce  
the release of the 2nd Annual QRP Contest Calendar  
for 2001.

We are working on the QRP Contest Calendar for 2001.  
It will be of photographic quality with color pictures, this  
will be 100% better than our first calendar. We plan to  
have the calendar ready to ship by the end of November  
2000.

This calendar will list QRP contests and contests with QRP  
categories. It will be a fold-out style that you can hang on  
your wall next to your rig. There will be a lists of Web sites  
and contest managers calls. The Web site addresses will  
have the contest rules plus much more. The color pictures  
will feature the winners of kit-building contest that are held at  
the different QRP forums or conventions throughout the year.  
This is really a handy calendar to have in the shack. The  
calendar will measure 11" x 17" when open. It will be in color  
and B&W format, with the pictures and information on the top  
half. For more information and a sample of the calendar check  
out [www.n3epa.org](http://www.n3epa.org) .

Order Now!

72 & 73  
Good DXing

Ron Polityka  
de N3EPA  
[n3epa@fast.net](mailto:n3epa@fast.net)

vvv Eastern Pennsylvania QRP Web Page vvv



<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call  
N3EPA E-mail address: [n3epa@fast.net](mailto:n3epa@fast.net)

-----  
Date: Fri, 20 Oct 2000 09:40:13 -0400  
From: Joe Street <[jstreet@venus.uwaterloo.ca](mailto:jstreet@venus.uwaterloo.ca)>  
To: qrp-l <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>, Goran Hosinsky <[hosinsky@jet.es](mailto:hosinsky@jet.es)>  
Subject: [81639] QRP portable /w ready to go!  
Message-ID: <[39F04B3D.F91D83BD@venus.uwaterloo.ca](mailto:39F04B3D.F91D83BD@venus.uwaterloo.ca)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A couple of weeks ago Goran posted a request for ideas on an antenna that could be used while walking. I had been developing something and now it is ready to go. It is a vertical shortened dipole made by wrapping wire around CPVC water pipe. Using more of the CPVC I made a frame which can be attached to a small 40 liter backpack. On weekdays weather permitting I will be operating on 10.106 +/- Mhz between 07:30 and 08:15 am and then again on the walk home usually between 17:00 and 18:30 depending on when I leave work. These times are according to Eastern time. I am not looking to sked contacts but just to let everyone know that I will be there at these times so if you have a chance, switch your rig on and listen for a weeeek signal.....antenna efficiency is terrible but I hope I can make a few Q's along the 45 minute walk. I may switch to 20 m with 5 watts later but my 30m rig has a built in SWR bridge (but only 1 watt) which means one less thing to carry for initial tests. The antenna is matched with a balanced tuner at the feedpoint. I hope to get some pictures up on my website as soon as I can twist va3rei's arm to come over with his digital camera.

73 all around and cu on 30 /w

ve3vxo

-----  
Date: Fri, 20 Oct 2000 08:39:18 -0500  
From: "George, W5YR" <[w5yr@att.net](mailto:w5yr@att.net)>  
To: [fxtech@earthlink.net](mailto:fxtech@earthlink.net)

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [81640] Re: FT-817 QRP Rig...

Message-ID: <39F04B06.807B9027@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Trev, I strongly suspect that if \*we\* had to buy the parts that make up a K2, we would find that they cost way more than the price of the kit.

I agree that the 718 is a great little rig, but I suspect that the K2 will run rings around it as far as the receiver is concerned.

I am not trying to put down your radio - I have had Icoms every since I can remember and there are three of them (756PRO, 765, and 730) in the shack right now - but I think that maybe you are looking at apples and oranges here.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373

Amateur Radio W5YR, in the 55th year and it just keeps getting better!

Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Trevor Jacobs wrote:

>

> The Icom-718, and it rocks! Especially at QRP levels. Yep the K2 seems like  
> a really nice QRP rig, but for \$200 more over the base price KIT unit of the  
> K2 I had more than the options of a fully loaded K2. The big advantage that  
> I see with the K2 is portability. It has a very low current draw at idle.  
> The 718 will chew through gel cells like there is no tomorrow, so wouldn't  
> make a great portable rig, but since I bought the 718 for the main home rig,  
> it performs quite well! I'm not slagging the K2 either, I'm just saying that  
> for me, I wanted the best deal vs. features in a rig that I could count on  
> for a main rig. Now I can play with other rigs. Plus, I think that the K2 is  
> way overpriced for a rig that I have to put together when you compare  
> features on these rigs. Just my opinion...ya know, everyone has one and you  
> know what they smell like...

-----

Date: Fri, 20 Oct 2000 09:47:09 -0400

From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>

To: NoVa QRP group <NoVaQRP@topica.com>, NJ QRP Club <njqrp@njqrp.org>, QRP-L  
<qrp-l@lehigh.edu>, GQRP-L <gqrp@onelist.com>

Subject: [81641] 2-way QRP on 10m (200oct00)

Message-ID: <39F04CDD.534C9E38@ix.netcom.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just worked PA4DIP/qrp, 0E6KYG/qrp and G3MBN/qrp on 10m -- I was at 5 watts to my attic dipole. Time was 1300z to 1340z. 10m is open early today -- I really like these sunspots!!

Jake -- N4UY/qrp  
Vienna, VA  
(Wash DC suburbs)

-----  
Date: Fri, 20 Oct 2000 07:12:06 -0700  
From: Jerry Parker <jparker@fix.net>  
To: qrp-l@lehigh.edu  
Subject: [81642] Pacificon Weather  
Message-ID: <2.2.32.20001020141206.006e319c@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Weather for Pacificon  
<http://www.weatherforyou.com>

Current Conditions for Concord, California  
Updated: 600 AM PDT FRI OCT 20 2000=20  
=20  
Clear=20  
Temp: 51=B0F (11=B0C)=20  
Humidity: 92%=20  
Wind Speed: CALM=20  
Barometer: 29.95F in. (1014 mb)=20  
Dewpoint: 49=B0F (9=B0C)=20  
Heat Index: 51=B0F (11=B0C)=20  
Wind Chill: 51=B0F (11=B0C)=20  
=20  
=20  
Forecast for Concord, California =20  
TODAY =3D Increasing clouds Hi 70F Lo 45F

SATURDAY =3D Mostly Sunny 65F

SUNDAY & Monday =3D Mostly Clear Hi 69F=20

=20

=20

-----  
Date: Fri, 20 Oct 2000 10:35:35 -0400 (EDT)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: Joe Street <jstreet@venus.uwaterloo.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81643] Re: QRP portable /w ready to go!  
Message-ID: <Pine.BSI.4.05L.10010201034170.22638-100000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Oct 2000, Joe Street wrote:

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> now it is ready to go. It is a vertical shortened dipole made by  
> wrapping wire around CPVC water pipe.

Can you be a bit more specific on the lengths, number of turns, size of  
the pipe?

thanks

../../../../../../../../../../../../../../../../../../../../..  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/> Baltimore's Home Page  
<http://www.baltimorehon.com> Home of the Baltimore Lexicon  
<http://www.zerobeat.net> QRP and Drake Mail List Pages

-----  
Date: Fri, 20 Oct 2000 08:40:37 -0600  
From: jaywa5whn@juno.com  
To: qrp-1@lehigh.edu  
Subject: [81644] Nov. 4, NMT Gym in Socorro, NM  
Message-ID: <20001020.084042.-527045.0.jaywa5whn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

It's that time of year again, after the Zombie Shuffle {last year's pins  
are collectables},

<http://www.ees.nmt.edu/sara/hamfest.html>

Set your gps receiver & aprs map to the following;

34 degrees 3.939 minutes N  
106 degrees 54.305 minutes W  
WGS-84 datum  
4,630 ft. asl

C U in Socorro... Jay, WA5WHN DM65qd

AlbuQRPque, NM USA

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 20 Oct 2000 07:46:37 -0700 (PDT)  
From: Doug Bankston <dougbankston1@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81645] QRP Contest this weekend!  
Message-ID: <20001020144637.13342.qmail@web4302.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Sorry, this might be a dupe, if so I apologize.

QRP CONTEST THIS WEEKEND!  
Oct21st 1200z to Oct 22nd 2400z.  
VQS 3rd Annual Fall QSO Party (Piggy back of the  
Sorry folks, this might be dupe, if so I apologize...

QRP ARCI Fall QSO Party)  
info: [www.qsl.net/vqs](http://www.qsl.net/vqs)

All entries received via e-mail will receive one of  
the following:

1. 100mb zip disk
2. Recordable CD Rom (with jewel case)
3. Antenna Support Rope

(You may specify which of these you would prefer when  
Submitting your log entry)

PS: you do not need to be a member of VQS to enter

73  
W4VQS

-----  
Do You Yahoo!?  
Yahoo! Messenger - Talk while you surf! It's FREE.  
<http://im.yahoo.com/>

-----  
Date: Fri, 20 Oct 2000 11:08:37 -0400  
From: Ham <hduff@ica.net>  
To: Ken UK <setiuk@talk21.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [81646] Re: FT-817 QRP Rig...  
Message-ID: <39F05FF5.FFB44F9@ica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Ken.

No missed point. I understand the pride and joy of building and operating a kit that you put together plus the comfort in knowing that you are likely to be able to troubleshoot it should something go wrong (if you actually built it). However, I can get as much of that feeling by building a monoband Small Wonder Labs kit for \$100.

I 'read the mail' from this list almost daily and much of what I read is opinions...so here's mine...

There seems to be this false pretention of calling ones self a 'homebrewer' as kit builders in the QRP cliché. Sort of reminds me of the days when I put my first Apple clone computer together...everyone figured I was a genius...not only was I into computers but I built it ! A good ego booster but the truth of the matter was that it was nothing more than \*assembly\* work. Following the instructions and assembling a prepackaged kit is no great technical feat to me. Whoever designed the kit is the true homebrewer, those of which are few and far between in Ham radio today. I don't personally get much of a warm and fuzzy "Heart and Soul" feeling when I throw a kit together. Not to knock kit builders...at least it's a step closer to the roots of Ham radio than appliance operating. I don't claim to be an accomplished 'homebrewer' although I have designed some of my own equipment, I still enjoy building kits. The offerings of kit designers is appreciated.

I get a chuckle out of those who have been fooled into thinking that the K2 is "right up there" in receiver performance with their FT-1000. C'mon there's

no comparison. Granted, it's a good performer and I understand how it would appeal to a QRP'er who has been used to operating small and simple monoband QRP rigs. "American made!" "All band with digital tuning !" I can see the appeal.

However, when you're finished with the options game, and if your time to build it is worth anything to you, all of a sudden there's a large variety of competition in the field. Even if you preclude the assembly time, there are other pre-made radios with yet much more frequency coverage and features in the same price class. Sometimes economy and common sense surpass the "Heart and Soul" feeling of having assembled a kit.

There's further humour in the fact that quite a number of K2 owners had their kit assembled and tested by "for-hire" builders. So much for the warmth and fuzziness of putting your "Heart and Soul" into it.

I do think EleCraft did a great job of marketing the K2...they sure stirred up all kinds of interest here on the qrp-l server.

To paraphrase Chuck AA8VS, ...."Tell 'em SUVs are all the rage and they will come" :)

The point of my original comment, Ken, has more to do with the observation of great reluctance to a 'new kid on the block'. I'm still seeing anti-FT-817 messages popping up here as if it was acceptable for the K2 to exist as a high priced QRP rig because it's a kit, but not the ready to rock FT-817. As far as I can tell, there's room for both and more to come with QRP as the fastest growing facet of the hobby.

Nonetheless, "QRP rig" is synonymous with "simple monoband rig" to me. If I want to play QRP, I'll hook up one of my monoband kit or homebrewed rigs. If I'm looking for high performance, multiband operation, I'll fire up one of my 'Big rigs'.

Everyone has their 'thang'.....to each his own !

Just my take on how I see it.

Hugh VA3TO

Ken UK wrote:

```
> HI Hugh,  
>  
> I think you may have missed the point regards the K2.  
>  
> The K2 is a home-brew rig ( OK a kit rig ) so that means a part of your  
> heart and soul went into its construction, I don't think you can say that  
> about any commercially built piece of equipment.  
>  
> Good luck and all the best, Ken, G4KIR.  
> -----Original Message-----  
> From: Duffer <hduff@ica.net>
```

> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Date: Thursday, October 19, 2000 12:42 PM  
> Subject: re: FT-817 QRP Rig...  
>  
> >  
> >I find it interesting that EleCraft can release the K2 and people go  
> >nuts for them but when a Japanese company releases  
> >an even cooler QRP rig, out pours the skepticism. Wussup wit dat ?  
> >The K2 isn't cheap... One could make the same statement about it.  
> >What QRO rig can you get with the same features as the 817 at the same  
> >price ?  
> >  
> >Hugh VA3TO  
> >  
> >  
> >>  
> >>  
> >> Subject: Yaesu FT-817 QRP Rig...  
> >> Date: Wed, 18 Oct 2000 08:06:10 -0700 (PDT)  
> >> From: Chuck Mabbott <aa8vs@yahoo.com>  
> >> To: FP QRP <fpqrp-1@mpna.com>, list QRP-C  
> ><qrp-canada@lists.gpfn.sk.ca>  
> >> CC: kb0vcc@yahoo.com  
> >>  
> >> I am a staunch supporter of QRP, but this is  
> >> odd. I can get QRO rigs for the same price.  
> >> This is starting to sound like, "double the price  
> >> call it SUV and they will come....."  
> >>  
> >> 73,  
> >> Chuck AA8VS  
> >>  
> >>  
> >-----  
> >  
> >>  
> >

-----  
Date: Fri, 20 Oct 2000 08:09:20 -0700 (PDT)  
From: ABCQRP <w6abc@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [81647] WB3AAL - Need your email address  
Message-ID: <20001020150920.15432.qmail@web2103.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii



Haven't seen a post from Ron for about a week or 2.  
Need his current email address. I used the one in  
QRZ.COM and got not reply. Maybe he's on vacation.  
73,  
Jack W6ABC

-----  
Do You Yahoo!?  
Yahoo! Messenger - Talk while you surf! It's FREE.  
<http://im.yahoo.com/>

-----  
Date: Fri, 20 Oct 2000 09:20:38 -0600  
From: William R Colbert <w5xe@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [81648] Re: Nov. 4, NMT Gym in Socorro, NM  
Message-ID: <20001020.092039.-359935.4.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

And if you are coming across on U.S. 380, watch out  
for low flying, flat aircraft - particularly at sunset.  
Hope to see many of you there.

--

"Politicians are like nappies. Both should be  
changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111  
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 20 Oct 2000 11:38:33 -0400  
From: "Richard E. Robinson" <rerobins@email.uncc.edu>  
To: hduff@ica.net  
Cc: qrp-l@lehigh.edu  
Subject: [81649] Re: FT-817 QRP Rig...  
Message-ID: <v03110709b616159ac082@[152.15.144.71]>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hugh, VA3T0, writes;

>I get a chuckle out of those who have been fooled into thinking that the K2  
>is "right up there" in receiver performance with their FT-1000. C'mon there's  
>no comparison.

Hi Hugh,

Please post the data to back your statement up. I refer you to published  
ARRL lab tests of both rigs receivers. The data derived from the tests  
show the K2 to be "right up there" in performance with the costly FT-1000  
and backs up the K2s reputation.

You're the one who's being fooled.

73,

Rick kf4ar

-----  
Date: Fri, 20 Oct 2000 11:52:50 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [81650] Re: FT-817 QRP Rig...  
Message-ID: <009601c03aad\$cfbb84a0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

And if I remember correctly, wasn't the K2 the ARRL tested actually  
defective when they built it due to a few mistakes that had to be  
'corrected'. So it obviously wasn't a 'ringer' brought in just to get  
numbers for publication.

The K2 may not be the best kid in town. But it's sure close. AND it  
fits the need of a lot of people, rather than being a radio that's so  
advanced it can't do anything.

I have equipment here that I have purchased to do specific task. And  
while it can do INCREDIBLE amounts of 'other' functions, that's not

why I bought it, and the 'extra' is wasted to me.

The K2 was a peg that just seemed to fit perfectly into my slot.

Mike  
N1DVJ

-----  
Date: Fri, 20 Oct 2000 12:09:32 -0400  
From: Ham <hduff@ica.net>  
To: qrp-l@lehigh.edu  
Subject: [81651] re: FT-817...  
Message-ID: <39F06E3C.FC67A806@ica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Srtike a nerve, did I ?  
The proof is in the puddin'. I've operated both radios side by each  
and I could  
hear signals on the FT-1000 that I couldn't on the K2. In fact, I could  
hear  
signals on my TS-850S that I couldn't on a different K2.

Someone else that responded to me put it right...the K2 club is like a  
spoiled  
kids party..."Me and my friends are better than you and all your  
beathens"... or  
so it seems !

Don't get too offended...I'm not out to bash the K2...I'm just saying  
don't go  
bashing the competition.

Hugh VA3T0

"Richard E. Robinson" wrote:

> Hugh, VA3T0, writes;  
>  
> >I get a chuckle out of those who have been fooled into thinking that  
the K2  
> >is "right up there" in receiver performance with their FT-1000. C'mon  
there's  
> >no comparison.

>  
> Hi Hugh,  
>  
> Please post the data to back your statement up. I refer you to  
published  
> ARRL lab tests of both rigs receivers. The data derived from the  
tests  
> show the K2 to be "right up there" in performance with the costly  
FT-1000  
> and backs up the K2s reputation.  
>  
> You're the one who's being fooled.  
>  
> 73,  
>  
> Rick kf4ar

-----  
Date: Fri, 20 Oct 2000 12:24:13 -0400  
From: Joe Street <jstreet@venus.uwaterloo.ca>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [81652] FT-817...  
Message-ID: <39F071AD.EA7300AA@venus.uwaterloo.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Side by each eh Hugh? Was that right after your breakfast of two eggs  
side by each with the sunshine on top? I think such canuck humor is  
lost on this list!

ve3vxo

-----  
Date: Fri, 20 Oct 2000 12:32:26 -0400 (EDT)  
From: William Mabry <n4qa@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [81653] WTB:TiCK-4 DIP  
Message-ID: <388278628.972059546464.JavaMail.root@web124-wra.mail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Before I let go of 15 big ones for a brand-new chip from ER...  
Anybody have a fully functional TiCK-4 DIP that I might purchase REAL CHEAP  
?  
I'll even throw in a fully functional TiCK-1 DIP :)  
Just thought I'd try... yes, I'm a cheap-skate and a bad, bad dog :(  
73-1,  
Bill, N4QA

Date: Fri, 20 Oct 2000 12:46:32 -0400 (EDT)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: Ham <hduff@ica.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81654] re: FT-817...  
Message-ID: <Pine.BSI.4.05L.10010201243190.29168-100000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

```
> Someone else that responded to me put it right...the K2 club is like a
> spoiled kids party..."Me and my friends are better than you and all your
> beathens"... or so it seems !
```

While I didn't see the original post you site, it seems to me that even quoting it is painting those of us that own K2's with a very wide paint brush.

There are many K2 owners that don't display the attitude you cite, so I think you've stretched a bit far to insult those of us who don't play that particular game.

But, you seem more than willing to bash K2 owners.

```
73  
thom  
. / . / . / . / . / . / . / . / . / . / . / . / . / . / . / . / . / . / . / . / . /  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
```

|                                                                       |                               |
|-----------------------------------------------------------------------|-------------------------------|
| <a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a> | Baltimore's Home Page         |
| <a href="http://www.baltimorehon.com">http://www.baltimorehon.com</a> | Home of the Baltimore Lexicon |
| <a href="http://www.zerobeat.net">http://www.zerobeat.net</a>         | QRP and Drake Mail List Pages |

Date: Fri, 20 Oct 2000 16:39:16 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <hduff@ica.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [81655] Re: FT-817...  
Message-ID: <001b01c03aab\$eac26180\$88fa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Are we about to hear references to 'mindless ZOMBIES' soon?? I remember the effect had the last time. 8>}  
de Steve, W8SFF

----- Original Message -----

From: "Ham" <hduff@ica.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, October 20, 2000 17:09  
Subject: re: FT-817...

> Srtike a nerve, did I ?  
> The proof is in the puddin'. I've operated both radios side by each  
> and I could  
> hear signals on the FT-1000 that I couldn't on the K2. In fact, I could  
> hear  
> signals on my TS-850S that I couldn't on a different K2.  
>  
> Someone else that responded to me put it right...the K2 club is like a  
> spoiled  
> kids party..."Me and my friends are better than you and all your  
> beathens"... or  
> so it seems !  
>  
> Don't get too offended...I'm not out to bash the K2...I'm just saying  
> don't go  
> bashing the competition.  
>  
> Hugh VA3T0  
>  
> "Richard E. Robinson" wrote:  
>  
> > Hugh, VA3T0, writes;  
> >  
> > I get a chuckle out of those who have been fooled into thinking that  
> the K2  
> > is "right up there" in receiver performance with their FT-1000. C'mon

> there's  
> > >no comparison.  
> >  
> > Hi Hugh,  
> >  
> > Please post the data to back your statement up. I refer you to  
> published  
> > ARRL lab tests of both rigs receivers. The data derived from the  
> tests  
> > show the K2 to be "right up there" in performance with the costly  
> FT-1000  
> > and backs up the K2s reputation.  
> >  
> > You're the one who's being fooled.  
> >  
> > 73,  
> >  
> > Rick kf4ar  
>  
>  
>  
>

-----  
Date: Fri, 20 Oct 2000 08:39:54 -0800  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81656] Re: FT-817...<Deep Sigh>  
Message-ID: <39F0755A.D2B47644@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<Deep sigh>

Someone expressed an opinion. He said it was only his opinion. Please, please just leave it at that and stop this back and forth. I get worn out adding filters to my inbox and I might miss some info I want on the FT-817.

Thanks.

<Another deep sigh>

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
QRP-L CD Ver. 3.1 available: <http://www.qsl.net/al7fs/QRP-CDver3.htm>  
QRP ARCI #6754 Check out <http://www.qrparci.org/>  
<http://www.qsl.net/al7fs/> <mailto:al7fs@pobox.alaska.net>

-----  
Date: Fri, 20 Oct 2000 13:11:07 -0400  
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>  
To: <fxtech@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@lehigh.edu>  
Subject: [81657] RE: FT-817 QRP Rig...  
Message-ID: <LPBBJAGIPFHKPJENAKLOEEPJCLAA.n1bq@wulfden.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: Trevor Jacobs

> Sent: Friday, October 20, 2000 3:20 AM

>

> The Icom-718, and it rocks! Especially at QRP levels. Yep the  
> K2 seems like a really nice QRP rig, but for \$200 more over  
> the base price KIT unit of the K2 I had more than the  
> options of a fully loaded K2. The big advantage that I see  
> with the K2 is portability. It has a very low current draw at  
> idle The 718 will chew through gel cells like there is no  
> tomorrow, so wouldn't make a great portable rig, but since  
> I bought the 718 for the main home rig, it performs quite  
> well! I'm not slagging the K2 either, I'm just saying that  
> for me, I wanted the best deal vs. features in a rig that I  
> could count on for a main rig.  
> {snip}

I recently wrestled with this issue with regards to K-2 vs SG-2020 and wound up buying the Alinco DX77T which is 10/100 watts with an internal switch that takes it to 5/50 watts. I can make almost the exact set of stateents above about the 718 with regards to my DX77T. I am not sure what the 718 draws on receive but the DX77T is specced at 1.1 amps and I have seen some product reveiws that say 800 ma. I have pretty good metering in line all the time here due to my living off the grid and I have been seeing closer to 700 mills RCV and 1700 mills key down on 10 CW so I would think that it might not be too bad in the field. It is certainly far bigger than the DX70 or an SG2020, but its not all that



much bigger than a K2 and not much heavier.

73 de brian, n1bq

-----  
Date: Fri, 20 Oct 2000 13:37:36 EDT  
From: Drbob92031@aol.com  
To: qrp-l@lehigh.edu  
Subject: [81658] coil question  
Message-ID: <33.ba4ee29.2721dce0@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

To all who can help; please.

I am making a coil for a base loaded vert.  
The coil is to be 2 1/2" in diameter. So far no problem.  
I went to home Depot and got 25 feet of bare 10 ga. solid copper wire. So far no problem. The coil is to have 6 T.P.I. Here is where I have the problem. Winding the coil was simple BUT at 6 t.p.i. the bare copper touched its adjacent member. I rewound with a piece of cord(string) between the turns and now I had 5 t.p.i. By the way the coil will be about 5" long. At present I am looking for something that will be nonconductive and will be thin enough to slip between each turn so I can achieve my 6 t.p.i.  
I have thought of wax paper (kitchen variety) plain paper etc. So the problem is.  
what can I interspace the turns with or am I missing some very basic concept here. I want to work 40-20-15-10 with a 20' or 22' vert using the coil to achieve the band tuning and also to achieve the impedance matching.  
Any help/suggestions etc. would be greatly appreciated.  
72/73 de WA2EAW..Bob

-----  
Date: Fri, 20 Oct 2000 13:45:32 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <Drbob92031@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [81659] Re: coil question  
Message-ID: <005001c03abd\$8e38f020\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Geesh... How much power are you going to run that you need 10ga???

If the 6tpi is important, drop to 12ga or even 14ga.

Mike

> I am making a coil for a base loaded vert.  
> The coil is to be 2 1/2" in diameter. So far no problem.  
> I went to home Depot and got 25 feet of bare 10 ga. solid copper wire.  
So far  
> no problem. The coil is to have 6 T.P.I. Here is where I have the  
problem.  
> Winding the coil was simple BUT at 6 t.p.i. the bare copper touched  
its  
> adjacent member. I rewound with a piece of cord(string) between the  
turns and  
> now I had 5 t.p.i. By the way the coil will be about 5" long. At  
present I  
> am looking for something that will be nonconductive and will be thin  
enough  
> to slip between each turn so I can achieve my 6 t.p.i.  
> I have thought of wax paper (kitchen variety) plain paper etc. So the  
problem  
> is.  
> what can I interspace the turns with or am I missing some very basic  
concept  
> here. I want to work 40-20-15-10 with a 20' or 22' vert using the coil  
to  
> achieve the band tuning and also to achieve the impedance matching.  
> Any help/suggestions etc. would be greatly appreciated.  
> 72/73 de WA2EAW..Bob

-----  
Date: Fri, 20 Oct 2000 13:55:17 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Mike Yetsko <myetsko@insydesw.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81660] Re: coil question  
Message-ID: <Pine.3.89.10010201345.F23689-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 20 Oct 2000, Mike Yetsko wrote:

>

> Geesh... How much power are you going to run that you need 10ga???

Efficiency Mike, efficiency. At QRP, radiate every last drop that you can!

> If the 6tpi is important, drop to 12ga or even 14ga.

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412      ARS #799      SOC #1      Whiners #6

-----  
Date: Fri, 20 Oct 2000 14:12:31 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <n4bp@bc.seflin.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [81661] Re: coil question

Message-ID: <008a01c03ac1\$81812ec0\$2101a8c0@insydesw.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

True enough, but unless you are running gobs of current through the coil to keep the voltage down, I still don't see where 10ga would be that much of an advantage over 12 or 14ga. And at 6tpi, the spacing is close enough that the voltage can't be that high...

I think the BEST tact right now is to get more 'complete' info...

Mike

> > Geesh... How much power are you going to run that you need 10ga???

>

> Efficiency Mike, efficiency. At QRP, radiate every last drop that you can!

-----

hello everyone,  
Has any one else had experience with making a top hat for the hustler mobile antennas? I have a 75 meter super resonator that I am thinking about making a top hat for, and I am looking for any comments.

On Fri, 20 Oct 2000, Mike Yetsko wrote:

73,

E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)  
Web Page: <http://www.qsl.net/n4bp>  
Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412

ARS #799

SOC #1

Whiners #6

-----  
Date: Fri, 20 Oct 2000 14:33:46 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Bob Patten" <n4bp@bc.seflin.org>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81664] Re: coil question  
Message-ID: <00b001c03ac4\$5f8f4600\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

True, but remember that power is  $V \times A$ . So if you raise the voltage, you lower the current for the same power. If you double the voltage and halve the current, at the same power you 1/4th your power loss from I-squared-R losses.

With QRP we can design circuits that boost voltage and cut current, which until we start getting losses from air breakdown become very efficient. And since we are QRP overall, the voltages never go that high to begin with.

Yes, a fixed ammount of wire in a coil will have lower resistance the heavier the gauge, so 'bigger' is more efficient is probably a very general rule in that regard. But it doesn't help when you try for that at the expense of physical or mechanical compromises.

On the other hand, with QRP operation, you can actually space the coil windings much closer together, but in a practical matter I would suspect little irregularities in the wire not being perfectly straight will come into play first (on a home hand-wound coil, unless you were tension winding on a lathe type setup where you can set the pitch with a gear drive and keep a significant and consistant tension on the wire).

Bottom line is I'd still question the need for 10 ga.

Hmm, that brings up another topic idea... With QRP, has anyone done any experiments along the path of boosting voltage, like with very capacitive antennas as opposed to currents? Compared to what can be done at more 'general' power levels like 100W?

Mike

> On Fri, 20 Oct 2000, Mike Yetsko wrote:  
> >  
> > True enough, but unless you are running gobs of current through the  
> > coil to keep the voltage down, I still don't see where 10ga would be  
> > that much of an advantage over 12 or 14ga. And at 6tpi, the spacing  
> > is close enough that the voltage can't be that high...  
> >  
> Ohmic losses are the same percentage whether running one watt or 1000.  
> If you loose half your power to "heat" in a high resistance coil, you may  
> only radiate 1/2W instead of close to one watt. Seems even more  
> important to me at low power than at high power... Same reason some  
> QRPers treasure their gigantic Johnsom Match Boxes.

>  
> 73,  
> , ' ' ' ,  
> Bob Patten, N4BP ( 0 0 ) Plantation,  
FL  
>

-----o00o-( )-o00-----

-----  
>  
> E-Mail: n4bp@bc.seflin.org  
> Web Page: <http://www.qsl.net/n4bp>  
> Brass Pounder BBS: (954) 472-7715  
> QRP ARCI #3412 ARS #799 SOC #1 Whiners #6  
>  
>

-----  
Date: Fri, 20 Oct 2000 13:38:04 -0500  
From: "Jerry Bartachek" <Jerry.Bartachek@dnr.state.ia.us>  
To: <qrp-l@Lehigh.EDU>  
Subject: [81665] RE: Coil Question  
Message-ID: <s9f04ac1.023@idnr4.dnr.state.ia.us>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline

Bob,  
Have you considered just skipping the coil and coax feed, and feeding the =  
HB  
multiband vertical with ladderline or 300 ohm window line and a Tuner? =  
Very efficient,  
and all the coils you need would be inside your tuner. Please note that =  
300 ohm  
window line can use standard TV hardware, stadoffs, and RS "wall-thru" =  
tube.

I use this feeder for an inverted "L" wire on low bands as well as for my =  
20 foot roof  
mounted vertical GP.

72,

Jerry KD=D8CA  
Washington, IA

IA QRP #10  
QRP-L #544  
QRP ARCI #5166  
FISTS #7064

-----  
Date: Fri, 20 Oct 2000 14:43:41 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>  
Subject: [81666] RE: FT-817 QRP Rig...  
Message-ID: <125490A005E3D3118C9C00805FC743CC015E0934@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

> And if I remember correctly, wasn't the K2 the ARRL tested actually  
> defective when they built it due to a few mistakes that had to be  
> 'corrected'. So it obviously wasn't a 'ringer' brought in just to get  
> numbers for publication.

I don't remember the details of any construction anomalies, but the K2 was  
supplied to ARRL as a kit and built by the Reviewer. There was no way it  
could have been a "ringer."

For those interested, the Review is available at:

<http://www.arrl.org/tis/info/pdf/0003069.pdf>

73,  
Ed Hare, W1RFI

-----  
Date: Fri, 20 Oct 2000 14:53:32 -0400  
From: Duffer <hduff@ica.net>  
To: Steve Sorrell <ap036@detroit.freenet.org>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [81667] Re: FT-817...  
Message-ID: <39F094AC.96643691@ica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sorry...I wasn't in on that one.  
But you go ahead and say "TomAHto" and I'll say "TomaAYto"  
Hugh.

Steve Sorrell wrote:

> Are we about to hear references to 'mindless ZOMBIES' soon?? I remember the  
> effect had the last time. 8>}  
> de Steve, W8SFF  
>  
> ----- Original Message -----  
> From: "Ham" <hduff@ica.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Friday, October 20, 2000 17:09  
> Subject: re: FT-817...  
>  
> > Srtike a nerve, did I ?  
> > The proof is in the puddin'. I've operated both radios side by each  
> > and I could  
> > hear signals on the FT-1000 that I couldn't on the K2. In fact, I could  
> > hear  
> > signals on my TS-850S that I couldn't on a different K2.  
> >  
> > Someone else that responded to me put it right...the K2 club is like a  
> > spoiled  
> > kids party..."Me and my friends are better than you and all your  
> > beathens"... or



> > so it seems !  
> >  
> > Don't get too offended....I'm not out to bash the K2...I'm just saying  
> > don't go  
> > bashing the competition.  
> >  
> > Hugh VA3T0  
> >  
> > "Richard E. Robinson" wrote:  
> >  
> > > Hugh, VA3T0, writes;  
> > >  
> > > I get a chuckle out of those who have been fooled into thinking that  
> > the K2  
> > > is "right up there" in receiver performance with their FT-1000. C'mon  
> > there's  
> > > no comparison.  
> > >  
> > > Hi Hugh,  
> > >  
> > > Please post the data to back your statement up. I refer you to  
> > published  
> > > ARRL lab tests of both rigs receivers. The data derived from the  
> > tests  
> > > show the K2 to be "right up there" in performance with the costly  
> > FT-1000  
> > > and backs up the K2s reputation.  
> > >  
> > > You're the one who's being fooled.  
> > >  
> > > 73,  
> > >  
> > > Rick kf4ar  
> >  
> >  
> >  
> >

-----

Date: Fri, 20 Oct 2000 14:58:12 -0400  
From: Duffer <hduff@ica.net>  
To: A Turner <aturner13@triad.rr.com>, qrp-1@lehigh.edu  
Subject: [81668] Re: FT-817...  
Message-ID: <39F095C4.83ECBDBC@ica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Go somewhere else ?

What are you telling me Alex, that the qrp-l server is restricted to K2 owners ?

Boy, I really set off a bomb ! :)

A Turner wrote:

> So you don't like the K2 and you don't care much for the K2 club. So go  
> somewhere else. We've heard your opinion. BTW, could it be that the poor  
> performance of the K2 you built be fault of the builder?

>

> Alex, N4BYJ

> ----- Original Message -----

> From: Ham <hduff@ica.net>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Sent: Friday, October 20, 2000 12:09 PM

> Subject: re: FT-817...

>

> > Srtike a nerve, did I ?

-----

Date: Fri, 20 Oct 2000 12:01:43 -0700

From: "Trevor Jacobs" <fxtech@earthlink.net>

To: <hduff@ica.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [81669] Re: FT-817 QRP Rig...

Message-ID: <00b901c03ac8\$30f4e580\$07ebb3d1@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Hugh and All,

I became a ham in 1982 and was pretty active with QRP. My first rig was an HW-8, bought it used at a ham fest in upstate NY. I lost interest when my father got stationed in San Antonio (USAF) and I wasn't allowed to use the radio on base. Radio had a profound impact on my life though and is what led to me eventually taking Electrical Engineering.

Well, I was bit by the bug again earlier this year and got my General class. This led to the search for a new rig. It was actually the review in QST that led me to the purchase of the Icom-718. I had thought of buying the Elecraft K2 as my main rig, but felt that for a main station rig a commercially

manufactured rig with all of the features that I could possibly want right now, plus no worrying about alignments or if I was on frequency or not was the way to start. I consider myself really good at kit building/homebrewing/breadboarding, but what if I screwed up the K2?!! I'd have no rig. I love building and designing electronics, but I figured that having the ICOM would accomplish 2 things. First I'd be able to get on the air right away, and when building other radios from kit or scratch, it would allow me to accurately test them. After all, you have to have some kind of reference to align a homebrew radio and something to judge performance against.

I'd have to agree that putting a kit together doesn't require a PHD in EE, but what it does do, is to get the builder interested in the guts of the radio. This led me (and I'm sure many others) in a quest for understanding electronics that's been going on for 20+ years. I never get tired of learning about new technology (or even older stuff that I didn't learn).

One thing I might add, is that for a brand new Ham, that has a limited amount of skills in electronics (or none at all), kit building could be very frustrating and end up to that person loosing interest very quickly in ham radio. Let's not forget, that at one time we were all new to electronics. I remember destroying the first kit that I tried to build, because I had no one around to teach me how to solder. Remember those old Radio Shack solder together kits in the red and clear boxes? Well this one ended up with few extra holes in it. I think it was the Short Wave RX kit. I guess that was a little too ambitious at 9 years old ;-). Pretty soon it's going to be even harder to build kits with the likelihood of surface mount components taking over in the next decade. It's already hard to find a lot of the older through hole components. So, don't come down too hard on the new guys for buying a ready-made rig.

Speaking of kits, it's time for me to get off of the soap box and get back to my SMK-1!!!! Just got back from Madison, WI last night and am practicing my SMD skills with this little gem. The trip was torture too, because the SMK-1 got here in the mail just before I had to leave. I almost took some tools and the kit to the hotel with me ;-). Think I'm going to need bi-focals soon! Man these parts are tiny, and they're the "Big Ones"!!!

Hope you guys are having fun at Pacificon! I made it back early from the trip, so may drive up tomorrow, but will likely be performing "Honey-dooos" since I've been absent for a week. Take care...

73

Trev

KG6CYN

----- Original Message -----

From: Ham <hduff@ica.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Friday, October 20, 2000 8:08 AM  
Subject: Re: FT-817 QRP Rig...

> Hi Ken.  
> No missed point. I understand the pride and joy of building and operating  
a  
> kit that you put together plus the comfort in knowing that you are likely  
to  
> be able to troubleshoot it should something go wrong (if you actually  
built  
> it). However, I can get as much of that feeling by building a monoband  
Small  
> Wonder Labs kit for \$100.  
>  
> I 'read the mail' from this list almost daily and much of what I read is  
> opinions...so here's mine...  
>  
> There seems to be this false pretention of calling ones self a  
'homebrewer'  
> as kit builders in the QRP cliché. Sort of reminds me of the days when I  
put  
> my first Apple clone computer together...everyone figured I was a  
> genius...not only was I into computers but I built it ! A good ego  
booster  
> but the truth of the matter was that it was nothing more than \*assembly\*  
> work. Following the instructions and assembling a prepackaged kit is no  
> great technical feat to me. Whoever designed the kit is the true  
homebrewer,  
> those of which are few and far between in Ham radio today. I don't  
personally  
> get much of a warm and fuzzy "Heart and Soul" feeling when I throw a kit  
> together. Not to knock kit builders...at least it's a step closer to the  
> roots of Ham radio than appliance operating. I don't claim to be an  
> accomplished 'homebrewer' although I have designed some of my own  
equipment,  
> I still enjoy building kits. The offerings of kit designers is  
appreciated.  
>  
> I get a chuckle out of those who have been fooled into thinking that the  
K2  
> is "right up there" in receiver performance with their FT-1000. C'mon  
there's  
> no comparison. Granted, it's a good performer and I understand how it  
would  
> appeal to a QRPer who has been used to operating small and simple monoband  
> QRP rigs. "American made!" "All band with digital tuning !" I can see

the  
> appeal.  
> However, when you're finished with the options game, and if your time to  
> build it is worth anything to you, all of a sudden there's a large variety  
of  
> competition in the field. Even if you preclude the assembly time, there  
are  
> other pre-made radios with yet much more frequency coverage and features  
in  
> the same price class. Sometimes economy and common sense surpass the  
"Heart  
> and Soul" feeling of having assembled a kit.  
> There's further humour in the fact that quite a number of K2 owners had  
their  
> kit assembled and tested by "for-hire" builders. So much for the warmth  
and  
> fuzziness of putting your "Heart and Soul" into it.  
> I do think EleCraft did a great job of marketing the K2...they sure  
stirred  
> up all kinds of interest here on the qrp-l server.  
> To paraphrase Chuck AA8VS, ...."Tell 'em SUVs are all the rage and they  
will  
> come" :)  
>  
> The point of my original comment, Ken, has more to do with the observation  
of  
> great reluctance to a 'new kid on the block'. I'm still seeing  
anti-FT-817  
> messages popping up here as if it was acceptable for the K2 to exist as a  
> high priced QRP rig because it's a kit, but not the ready to rock FT-817.  
As  
> far as I can tell, there's room for both and more to come with QRP as the  
> fastest growing facet of the hobby.  
>  
> Nonetheless, "QRP rig" is synonymous with "simple monoband rig" to me. If  
I  
> want to play QRP, I'll hook up one of my monoband kit or homebrewed rigs.  
If  
> I'm looking for high performance, multiband operation, I'll fire up one of  
my  
> 'Big rigs'.  
> Everyone has their 'thang'.....to each his own !  
> Just my take on how I see it.  
>  
> Hugh VA3TO  
>  
>  
> Ken UK wrote:

>  
> > HI Hugh,  
> >  
> > I think you may have missed the point regards the K2.  
> >  
> > The K2 is a home-brew rig ( OK a kit rig ) so that means a part of your  
> > heart and soul went into its construction, I don't think you can say  
that  
> > about any commercially built piece of equipment.  
> >  
> > Good luck and all the best, Ken, G4KIR.  
> > -----Original Message-----  
> > From: Duffer <hduff@ica.net>  
> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> > Date: Thursday, October 19, 2000 12:42 PM  
> > Subject: re: FT-817 QRP Rig...  
> >  
> > >  
> > >I find it interesting that EleCraft can release the K2 and people go  
> > >nuts for them but when a Japanese company releases  
> > >an even cooler QRP rig, out pours the skepticism. Wussup wit dat ?  
> > >The K2 isn't cheap... One could make the same statement about it.  
> > >What QRP rig can you get with the same features as the 817 at the same  
> > >price ?  
> > >  
> > >Hugh VA3TO  
> > >  
> > >  
> > >>  
> > >>  
> > >> Subject: Yaesu FT-817 QRP Rig...  
> > >> Date: Wed, 18 Oct 2000 08:06:10 -0700 (PDT)  
> > >> From: Chuck Mabbott <aa8vs@yahoo.com>  
> > >> To: FP QRP <fpqrp-1@mpna.com>, list QRP-C  
> > >><qrp-canada@lists.gpfn.sk.ca>  
> > >> CC: kb0vcc@yahoo.com  
> > >>  
> > >> I am a staunch supporter of QRP, but this is  
> > >> odd. I can get QRP rigs for the same price.  
> > >> This is starting to sound like, "double the price  
> > >> call it SUV and they will come....."  
> > >>  
> > >> 73,  
> > >> Chuck AA8VS  
> > >>  
> > >>  
> >  
> -----

> > >  
> > >>  
> > >  
>  
>

-----  
Date: Fri, 20 Oct 2000 15:19:03 -0400  
From: Joe Street <jstreet@venus.uwaterloo.ca>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [81670] RE: Coil Question  
Message-ID: <39F09AA7.B88F9012@venus.uwaterloo.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Its good to go for efficiency no matter what the power you are running but at QRP it is more important. The comment about ladder line feed being high efficiency is not necessarily correct. You can have a higher SWR on ladder line with less loss than the same swr on coax but the overall efficiency of the system will still depend on the efficiency of the tuner. Again large inductors are required in order to reduce the loss resistance. There is no free lunch. My approach is to use an antenna which has a higher radiation resistance while still attempting to keep matcher losses as low as physical constraints will allow. This way the antenna gets the lions share of the power. Go for the 10 gauge wire! since the voltages it will see at QRP levels are small you can live with next to zero space between turns ( but the self capacitance will go up meaning you will need more inductance than you thought) you could wrap the bare wire with a spiral of packing tape to guarantee no shorts. You could poke through the tape with a pin clipped to the wire to find the correct tap points and then scrape a bit of the tape off to solder on the prong for the tap.

Don't forget to have an excellent ground to get high efficiency too otherwise all your effort in reducing coil loss will be completely insignificant in comparison to the loss in the ground. Either bury miles of wire or put a few radials several feet off the ground! Your XYL may leave you but your QRP rig will love you!

-----  
Date: Fri, 20 Oct 2000 13:28:28 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "qrp-l" <qrp-l@Lehigh.EDU>  
Subject: [81671] K2 vs 817 vs ??? SUMMARY





Date: Fri, 20 Oct 2000 15:22:57 -0400  
From: "AI2Q Alex" <ai2q@ispchannel.com>  
To: <DrBob92031@aol.com>  
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [81673] RE: coil question  
Message-ID: <000701c03acb\$276e8360\$5c32a7d0@ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey Bob, don't fret too much about the coil you're building. Configure it on some kind of form (refer to the ARRL Handbook) and make it a bit longer (more inductance) than what you need. You can also use the old ARRL Lightning Calculator (if you can find one at a flea market) or a computer-based program to determine the length and size of the coil you want based on the required inductance.

You can then tap it or place a tap where required when it's installed on your antenna.

Remember, it's not going to be "textbook" in any case. That is, it's likely going to need some trimming on your part once installed. You may wind up (no pun intended) adding or deleting turns, or changing the spacing.

Or. try winding your coil on a wooden form. Two pieces of dry varnished wood, notched together to form four surfaces, can work, especially if you cut saw notches in the form to hold the wire. It doesn't have to be perfectly cylindrical.

Some people use PVC tubing as coil forms, but that may not be ideal--from a loss point of view. It is easy to drill holes to hold the wire ends however. it's also easy to drill for mounting purposes.

If you look around your QTH I'll bet you can come up with a "junkbox" cylindrical coil form that will fill the bill. If you use insulated #10 wire, the insulation sets the spacing. Bare wire is more difficult to space, but permits easier tapping.

Better still, look for factory made inductors at flea markets. I see all sorts of fixed, roller, and coil stock items at ham fairs--all going overlooked and for a song.

These are just a few ideas off the top of my head.

GL es 73, AI2Q, Alex QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Drbob92031@aol.com  
Sent: Friday, October 20, 2000 1:38 PM  
To: Low Power Amateur Radio Discussion  
Subject: coil question

To all who can help; please.

I am making a coil for a base loaded vert.  
The coil is to be 2 1/2" in diameter. So far no problem.  
I went to home Depot and got 25 feet of bare 10 ga. solid copper wire. So far  
no problem. The coil is to have 6 T.P.I. Here is where I have the problem.  
Winding the coil was simple BUT at 6 t.p.i. the bare copper touched its  
adjacent member. I rewound with a piece of cord(string) between the turns  
and  
now I had 5 t.p.i. By the way the coil will be about 5" long. At present I  
am looking for something that will be nonconductive and will be thin enough  
to slip between each turn so I can achieve my 6 t.p.i.  
I have thought of wax paper (kitchen variety) plain paper etc. So the  
problem  
is.  
what can I interspace the turns with or am I missing some very basic concept  
here. I want to work 40-20-15-10 with a 20' or 22' vert using the coil to  
achieve the band tuning and also to achieve the impedance matching.  
Any help/suggestions etc. would be greatly appreciated.  
72/73 de WA2EAW..Bob

-----  
Date: Fri, 20 Oct 2000 12:36:48 -0700  
From: "Bowman, Brian" <bowman@amgen.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81674] K2 Rcvr performance  
Message-ID: <2868C7D82610D311A3930008C7CF288B05C957B4@red-exch.amgen.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I don't own a K2 and I don't plan on building one in the near future. I  
currently find enough  
challenge buiding TT2's and MFJ Cub.  
With regard to rcvr operation of the K2, the QST article said:

"How Did It Do in the Lab?

The technical performance of radios comes out during lab testing. Usually, the transmit IMD

and receiver dynamic range results separate the toys from the big boys.

Usually!

On SSB, this radio is clean. As seen in Figure 1, the high-order intermodulation products

are quite good. The CW keying is nice, too, as shown in Figure 3. No key clicks from this baby!

But where the K2 really shines is in its receiver performance. On average, transceivers

positioned in the upper tiers of the popular HF product lines (in the \$2000 to \$3500 price class)

exhibit blocking dynamic range measurements somewhere in the vicinity of 130 dB and a two-tone,

third-order dynamic range near 95 dB. The K2's receiver performance compares very

favorably to that of the samples of the high-end radios we've recently examined, turning in

impressive 136/97 dB figures for these parameters.

The fact that a radio in this price class-and a home-built one at that-can stand proudly

in such company is a remarkable accomplishment. This is the first-generation radio that Elecraft

has produced. I can't wait to see the next one!- Ed Hare, W1RFI/QRP, ARRL Laboratory"

Supervisor

Brian R. Bowman WD0HBG

bowman@amgen.com <mailto:bowman@amgen.com>

-----

Date: Fri, 20 Oct 2000 15:42:16 -0400 (EDT)

From: Bob Patten <n4bp@bc.seflin.org>

To: Jerry Bartachek <Jerry.Bartachek@dnr.state.ia.us>

Cc: QRP-L Reflector <qrp-l@lehigh.edu>

Subject: [81675] RE: Coil Question

Message-ID: <Pine.3.89.10010201525.B11891-0100000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

On Fri, 20 Oct 2000, Jerry Bartachek wrote:

>

> Have you considered just skipping the coil and coax feed, and feeding the HB

> multiband vertical with ladderline or 300 ohm window line and a Tuner? Very

efficient,

> and all the coils you need would be inside your tuner. Please note that 300 ohm  
> window line can use standard TV hardware, stadoffs, and RS "wall-thru" tube.  
>

Wasn't my question to begin with, Jerry, but excellent point. Of course  
you're still dealing with the same ground losses at the antenna  
considering that the radiation resistance is going to be very low,  
particularly at the lowest frequencies used. For me, this isn't an  
issue since all my antennas at home are resonant and horizontal. In the  
field, I use a resonant four-band trapped vertical with two radials for  
each band, 40-10 meters, and feed it with RG-6. Seems to work for me...

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412      ARS #799      SOC #1      Whiners #6

-----  
Date: Fri, 20 Oct 2000 15:47:39 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: QRP-L Discussion Group <QRP-L@Lehigh.edu>

Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [81676] Help--QSLs to Russia

Message-ID: <200010201547\_MC2-B7DD-19B7@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;

charset=ISO-8859-1

Content-Disposition: inline

Gang:

Anyone have recent experience with sending QSLs to Russia? Just wonderin=  
g  
about sending green stamps, etc. Thanks in advance.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506  
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
E-Mail =3D K0EVZ@arrl.net

-----  
Date: Fri, 20 Oct 2000 15:58:18 -0400  
From: "Mike Yetzko" <myetzko@insydesw.com>  
To: <n4bp@bc.seflin.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81677] Re: coil question  
Message-ID: <00ee01c03ad0\$1e2abda0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I didn't think it was a contest that someone had to win...

My point was that if 10ga didn't fit, 12ga might. What was so magical about 10ga at QRP levels? If that last bit of efficiency is so sacred, then why not go 8ga, or 00 feeder line? And don't forget to get it silver plated!

Geesh, I got in trouble on this sig once before when people started getting evangelical about antennas. Same situation. If you can't get it up, make up something that you CAN get up. It that means using 12ga wire where the 10ga won't fit, just do it. If that means using loaded up bedsprings in an environment that might get you shot for an external antenna, JUST DO IT!!! I'd rather have a poor performing antenna up and using it than the best money can buy still in the box in the garage gathering dust as people argue over the plating of the screws or the dielectric of the grease used between the parts.

Mike

-----  
Date: Fri, 20 Oct 2000 19:58:31 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81678] Re: Help--QSLs to Russia  
Message-ID: <002501c03ac7\$be51aae0\$88fa070a@default>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Doc, should be no problem, I haven't had any. Just put the green stamp inside your return envelope so it can't be seen by holding up to the light. Use the security envelopes and don't refer to anything ham radio wise on the outside of the envelope. Just name and address, no call signs etc. Should work just fine. Now if you can tell me how to get one out of Abubaker 5A1A? de Steve, W8SFF

----- Original Message -----

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, October 20, 2000 20:47  
Subject: Help--QSLs to Russia

> Gang:  
>  
> Anyone have recent experience with sending QSLs to Russia? Just wondering  
> about sending green stamps, etc. Thanks in advance.  
>  
> 72/73,  
> --W.D. (Doc) Lindsey  
> DSBF  
> PO Box 6028  
> Bismarck, ND 58506  
> (Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
> E-Mail = K0EVZ@arrl.net  
>

-----  
Date: Fri, 20 Oct 2000 15:02:31 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: myetsko@insydesw.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81679] Re: coil question  
Message-ID: <39F0A4D7.E2B9D02A@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For what it is worth, most loss in a coil is not caused directly by the resistance of the wire by by distributed capacitance. This results in additional current flow (circulating current, etc.) in the wire and that

is where the added loss comes from.

Of course, it is the wire resistance that produces the loss, but the distributed capacitance causes more current to flow through the lossy wire than just the normal load current to the antenna.

For a coil like he was talking about, it could be made of any reasonable size wire without incurring much loss. More important is keeping the coil form factor approximately square, keeping the turns properly spaced, etc.

I think that if I were doing it, I would look for the largest insulated wire with a diameter of just an RCH under 1/6 of an inch and wind the coil. The insulation will ensure correct spacing and I would expect the added loss due to the dielectric of the insulation compared to air to be negligible at HF.

72/73, George    W5YR - the Yellow Rose of Texas            NETXQRP 6

Fairview, TX    30 mi NE Dallas in Collin county            QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

-----  
Date: Fri, 20 Oct 2000 15:35:23 -0500  
From: "Jerry Bartachek" <Jerry.Bartachek@dnr.state.ia.us>  
To: <qrp-l@Lehigh.EDU>  
Subject: [81680] RE: Coil Question - Point Well Taken  
Message-ID: <s9f06655.064@idnr4.dnr.state.ia.us>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline

Concerning Joe's comments about the tuner efficiency with ladder line =  
feeders: You're right! My tuner is a big KW tuner and the coils are =  
really fat. I'm sure it is entirely more efficient than one I use =  
portable with bell wire wound on PVC coil forms :-).

The bottom line in my thinking is why would one would want to place the =  
matching network out in the rain, snow, sleet, spider webs, etc., when it =  
can be high, dry, and clean in the shack. When one uses remote matching =  
networks, traps, or loading coils, the components needed to accomplish a =  
conjugate match are located in the antenna rather than inside the shack.

Any list members interested in reading more about tuned feed applications =  
should read a series of articles called "Easy Way HF Antenna Systems" =

The URL is <http://www.qsl.net/k2hq/swr.htm>=20

It is taken from a book by the same name written by a silent key named = John Haerle. It contains lots of common sense about antennas and tuned = feeder systems. I have a copy of the original paper back edition of the = book "Easy Way Antenna Systems". I still get it out and read it now and = then.

Jerry KD=D8CA

-----  
Date: Fri, 20 Oct 2000 16:11:26 -0500  
From: "Dennis Johnson" <djohn@dwx.com>  
To: "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [81681] Tuner  
Message-ID: <000501c03ada\$50211200\$13c4cecf@dennisjohnson>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Any comments on the MFJ-971 tuner for qrp field/portable use?

Tnx/72

Dennis, NOWA

-----  
Date: Fri, 20 Oct 2000 17:20:44 -0400  
From: "Charles Mabbott" <crmabbott@mediaone.net>  
To: <djohn@dwx.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [81682] RE: Tuner  
Message-ID: <000301c03adb\$9bc98ce0\$59098318@mw.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have used one in motels, field days, and at home. Have nothing bad to say. It has four possible ranges which make it ideal. 6 / 30 watts or 30 / 300 watts. This is done by lifting cover and moving two jumpers.



Good luck

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Dennis Johnson  
Sent: Friday, October 20, 2000 5:11 PM  
To: Low Power Amateur Radio Discussion  
Subject: Tuner

Any comments on the MFJ-971 tuner for qrp field/portable use?

Tnx/72

Dennis, N0WA

-----  
Date: Fri, 20 Oct 2000 14:56:20 -0700  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <djohn@dwx.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81683] Re: Tuner  
Message-ID: <019301c03ae0\$95979b00\$07ebb3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dennis,

I use one of these on my home rig and in the field. They're really nice little antenna tuners and I haven't had any trouble with mine. It works great. Take care...

73

Trev

KG6CYN

----- Original Message -----

From: Dennis Johnson <djohn@dwx.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Friday, October 20, 2000 2:11 PM  
Subject: Tuner

> Any comments on the MFJ-971 tuner for qrp field/portable use?

>

> Tnx/72

>  
> Dennis, NOWA  
>  
>

-----  
Date: Fri, 20 Oct 2000 17:28:52 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: Jerry.Bartachek@dnr.state.ia.us  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81684] Re: Coil Question - Point Well Taken  
Message-ID: <39F0C724.3A77DFD5@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John was a dear friend of mine - we spent many hours discussing antennas and marveling at the writings of Walter Maxwell, W2DU. John did not have a mathematical understanding of antennas and feedlines, but his intuitive grasp was exceptional.

His son, Dan Haerle, a professor in the music department at the University of North Texas, taught my son several courses when he took his undergraduate music degree there . . . small world! John had a background playing in major big bands in the 40's and could still play his valve-trombone quite well before he passed.

While John was not a QRP'er per se, his great delight was operating mobile CW while commuting.

Sadly, John was killed in a car wreck one night while returning home from giving a presentation on antennas at a local ham club.

72/73, George    W5YR - the Yellow Rose of Texas            NETXQRP 6

Fairview, TX    30 mi NE Dallas in Collin county            QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Jerry Bartachek wrote:

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>

> It is taken from a book by the same name written by a silent key named John

Haerle. It contains lots of common sense about antennas and tuned feeder systems. I have a copy of the original paper back edition of the book "Easy Way Antenna Systems". I still get it out and read it now and then.

-----  
Date: Fri, 20 Oct 2000 17:45:28 -0500  
From: Brian <brian@iquest.net>  
To: pigs <fpqrp-1@mpna.com>, QRP-L <qrp-1@lehigh.edu>  
Subject: [81685] SMK on the air  
Message-ID: <39F0CB08.4D7A911E@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey gang,

I'll be on the air tonight with my SMK-1 at about 23:30Z

Give a listen on 7039 dot something.

250mW of screaming, attic dipole, power.

--

=====  
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57  
=====

-----  
Date: Fri, 20 Oct 2000 17:47:05 -0500  
From: Brian <brian@iquest.net>  
To: john@neknetwork.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81686] Re: FOX: Scoring web sites  
Message-ID: <39F0CB69.53293CC@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

You da man!

Looking good Louis!

John Wagner wrote:

>  
> Gang,  
>  
> I'd like to announce two new websites I've been working on to support  
> the upcoming QRP-L foxhunts. These sites should greatly simplify the  
> scoring of the hunts.  
>  
> QRP-L Fox Hunt: <http://www.neknetwork.com/foxteam/>  
>  
> QRP-L Fox Cub Hunt: <http://www.neknetwork.com/foxcub2000/>  
>  
> The "regular" hunt page lists all the teams that Bruce Rattray, VE5RC  
> has organized. There is a backend processor that will take an uploaded  
> fox log and score it giving the pelts out to individuals and teams.  
> Click on a team name to see a breakout of that team and its hounds.  
> Participants not on a team will still be tracked (found on the main  
> page). The Fox logs will be available from the main page as well.  
>  
> The "Cub" hunt page doesn't have teams, but will contain everything else  
> described above.  
>  
> In my spare life I'm working on a feature that will take all the Q's  
> from a fox log and show them on a map.  
>  
> Enjoy, looking forward to the first Fox Cub hunt on \*MONDAY\*!!!! 73,  
>  
> John, KB1ENS  
> --  
> John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
> Web page: <http://www.neknetwork.com>  
> Personal Web page: <http://www.together.net/~jwag>

--

=====  
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57  
=====

-----  
Date: Fri, 20 Oct 2000 17:52:56 -0500  
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>  
To: qrp-l@lehigh.edu  
Subject: [81687] Re: coil question  
Message-ID: <4.3.2.7.2.20001020174615.00d0c460@mail.oklahoma.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:37 PM 10/20/00 -0400, you wrote:

>To all who can help; please.

>

>I am making a coil for a base loaded vert.

>The coil is to be 2 1/2" in diameter. So far no problem.

>I went to home Depot and got 25 feet of bare 10 ga. solid copper wire. So far

>no problem. The coil is to have 6 T.P.I. Here is where I have the problem.

>Winding the coil was simple BUT at 6 t.p.i. the bare copper touched its

>adjacent member. I rewound with a piece of cord(string) between the turns and

>now I had 5 t.p.i.

#10 wire should wind @6 TPI fine, at least the wire I have. I went to the shop, cut off a small pc of #10 house wiring, (plainly marked on outer jacket). It is 3 conductor, plus one bare wire. Bare wire measures .101", over insulation .166".  $6 \times .166 = .996$ ", or a perfect 6 TPI.

Perhaps it is simply the bare wire that is the problem, trying to wind it without touching would indeed be difficult without a lathe to wind it on. Get some insulated wire, it should fill the bill nicely.

-

J. W. (Dub) Thornton WA5YFY  
Minco, OK.

-----  
End of QRP-L Digest 1980

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